



03-11-04

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Express Mail Mailing Label No. EL653442806US

16466

TRANSMITTAL FORM

Application Serial Number	09/422,999
Filing Date	October 22, 1999
First Named Inventor	Kawasaki
Group Art Unit	1646
Examiner Name	Murphy, J.
Attorney Docket No.	MIT-103
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form 	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> Associate Power of Attorney
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] 		
<input type="checkbox"/> Petition for Extension of Time		
<input checked="" type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above 		

CORRESPONDENCE ADDRESS

SIGNATURE BLOCK

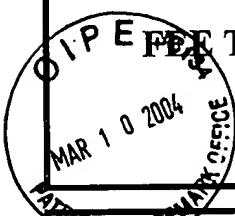
Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

Date: March 10, 2004
 Reg. No. 51,752
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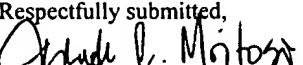
Respectfully submitted,

Jennifer G. Moitoso
 Attorney for Applicants
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 High Street Tower
 125 High Street
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<i>Complete if Known</i>	
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METHOD OF PAYMENT					FEE CALCULATION (continued)																																																																																							
1. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other					3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>2010</td><td>1005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td>180.00</td></tr> <tr><td>770</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>770</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td>110</td><td>55</td><td>Submission of Terminal Disclaimer</td><td></td></tr> <tr><td colspan="4">Other fee (Specify) _____</td></tr> <tr><td colspan="4">Other fee (Specify) _____</td></tr> </tbody> </table>				Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1480	740	Extension for reply within fourth month		2010	1005	Extension for reply within fifth month		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement	180.00	770	385	Filing a submission after final rejection (37 CFR 1.129(a))		770	385	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error		110	55	Submission of Terminal Disclaimer		Other fee (Specify) _____				Other fee (Specify) _____			
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																																																																												
3. <input checked="" type="checkbox"/> Applicant claims small entity status.																																																																																												
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Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100																																																																																												
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Respectfully submitted,  Jennifer G. Maitoso Attorney for the Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower-125 High Street Boston, MA 02110																																																																																												



Express Mail mailing label No. EL653442806US

PATENT
Attorney Docket No. MIT-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Kawasaki, et al.
SERIAL NO.: 09/422,999 GROUP NO.: 1646
FILING DATE: October 22, 1999 EXAMINER: Murphy, J.
TITLE: GENES INTEGRATING SIGNAL TRANSDUCTION PATHWAYS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- (1) within three (3) months of the **filings date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
 - the requisite Statement is below, **OR**
 - the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

(3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee**, **AND**

the requisite Statement is below, **AND**

the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

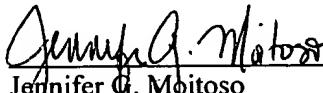
STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or

2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



Jennifer G. Moitoso
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: March 10, 2004
Reg. No.: 51,752

Tel. No.: (617) 310-8423
Fax No.: (617) 248-7100



FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: MIT-103 APPLICANT(S): Kawasaki et al. SERIAL NO.: 09/422,999 FILING DATE: 10/22/99 GROUP NO.: 1646					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	4,618,598	10-21-86	Conn					04-12-82
	A2	5,874,464	02-23-99	Marquez <i>et al.</i>					06-13-95
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B2	WO 91/15515	10-17-91	PCT			04-05-91		Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C33	Bos, J., (1998) "All in the family? New insights and questions regarding interconnectivity of Ras, Rap1 and Ral" <u>The EMBO Journal</u> , Vol. 17; No. 23, pp. 6776-6782.							
	C34	Coller <i>et al.</i> , (1995) "New Antiplatelet Agents: Platelet GPIIb/IIIa Antagonists" <u>Thrombosis and Haemostasis</u> , Vol. 74 (1), pp. 302-308.							
	C35	Newman <i>et al.</i> , (January 1985) "Quantitation of Membrane Glycoprotein IIIa on Intact Human Platelets Using the Monoclonal Antibody, AP-3" <u>Blood</u> , Vol. 65; No. 1, pp. 227-232.							
	C36	De Bruyn, (October, 1974) "Rap1 and Ral in signal transduction; The Ras family: molecular switches in signaling cascades," <u>Ras-like small GTPases in platelet biology</u> , University Medical Centre of Utrecht, The Netherlands, Chapter 1; General Introduction							
	C37	Zacharaski <i>et al.</i> , (1990) "Chronic Calcium Antagonist Use in Carcinoma of the Lung and Colon: A Retrospective Cohort Observational Study" <u>Cancer Investigation</u> , Vol. 8 (5), pp. 451-458.							
EXAMINER					DATE CONSIDERED				

3036170